Northwest River Public Meeting Summary
October 21, 2010

Is Indian Creek a major contributor to the impairment on the Northwest River? Should IP management practices be focused in that area?

- The data indicate that there are high TP concentrations upstream of the confluence of Indian Creek with Northwest River. It is uncertain how large of a role Indian Creek plays in the overall impairment.

What IP management practices are used to reduce TP?

- Changes in agricultural practices and reducing runoff are methods used to control TP. TP is typically found attached to sediments, so any reduction to sediment loads will reduce the TP getting to the River.

How can reductions in TP from groundwater be met?

- At this point, all reduction scenarios must be considered in order to meet the terms of a TMDL. Therefore, a reduction in the groundwater load helps to meet those goals. Controlling surface runoff input will also control what is being infiltrated.

What type of model was used?

- A watershed model was used to simulate phosphorous loads from potential sources the watersheds. The model used in the study is the Visual Basic version of the Generalized Watershed Loading Functions model (GWLF). For modeling phosphorous, it was necessary to have sediment transport figured in the model.

How is the groundwater load calculated?

- The load was calculated using a standard background load with additions based on erosion and infiltration rates from different land use types.

In the TMDL, does groundwater have to be shown as a source of TP?

- Yes, as a requirement of the TMDL. The report will explain how the load is calculated.

Are there any SSOs in this area to consider?

- The amount was insignificant.

How was the MS4 load calculated?

- The load from the MS4 is all of the developed area within the watershed.

How much does wildlife contribute to the total TP load?

- This amount is not significant enough to be considered.

Next steps: After an internal review of the draft report is complete, a Technical Advisory Committee meeting will be scheduled and the draft report will be made available for review. MapTech will review the initial groundwater loads for accuracy.